Title (en)

PREDICTION OF THE PROPERTIES OF BOARD BY USING A SPECTROSCOPIC METHOD COMBINED WITH MULTIVARIATE CALIBRATION

Title (de)

VORHERSAGE DER EIGENSCHAFTEN EINER PLATTE UNTER VERWENDUNG EINES SPEKTROSKOPISCHEN VERFAHRENS IN KOMBINATION MIT MULTIVARIABLER EICHUNG

Title (fr)

PREVISION DES PROPRIETES DE PANNEAUX A L'AIDE D'UN PROCEDE SPECTROSCOPIQUE COMBINE A UN ETALONNAGE A VARIABLES MULTIPLES

Publication

EP 0839317 B1 19991222 (EN)

Application

EP 96924218 A 19960702

Priority

- SE 9600892 W 19960702
- SE 9502611 A 19950714

Abstract (en)

[origin: WO9704299A1] A method for determination of parameters of wood panels, which comprises analyzing the raw wood material/panels at a moisture content < 10 % spectrometrically, and comparing spectral data with reference data from reference material/panels calibrated to known parameters of panels produced from said reference material or of said reference panel by multivariate analysis. Control of process variables influencing parameters of the panels, which comprises analyzing the material/panels, linking spectral data into a combination with desired parameters, and comparing said combination with reference combinations consisting of reference data from reference material/panels linked with known parameters of said reference material/panels, said reference combinations being calibrated to known variables by multivariate analysis.

IPC 1-7

G01N 21/17

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CPC (source: EP KR US)

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SE 9600892 W 19960702; AR 10355996 A 19960712; AT 96924218 T 19960702; AU 6473596 A 19960702; BG 10223798 A 19980209; BR 9609761 A 19960702; CA 2226727 A 19960702; CN 96195529 A 19960702; CZ 3198 A 19960702; DE 69605801 T 19960702; DK 96924218 T 19960702; EA 199800126 A 19960702; EE 9800029 A 19960702; EP 96924218 A 19960702; ES 96924218 T 19960702; HU P9900683 A 19960702; IL 12243796 A 19960702; JP 50660197 A 19960702; KR 19970709810 A 19971229; MX 9800413 A 19980113; MY PI9602843 A 19960710; NO 980135 A 19980113; NZ 31281696 A 19960702; PL 32449396 A 19960702; PT 96924218 T 19960702; RO 9800052 A 19960702; SE 9502611 A 19950714; SI 9630149 T 19960702; SK 4098 A 19960702; TR 9800033 T 19960702; UA 98020738 A 19960702; US 98159097 A 19971231; ZA 965808 A 19960709